



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
Geological Survey Branch
Hon. Anne Edwards, Minister

INFORMATION MOTHERLODE !

Geological Source Material for BC 

Compiled by: J. Riddell
Information Circular 1991-17

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**MINERAL RESOURCES DIVISION
Geological Survey Branch**

**Canadian Cataloguing in Publication Data
Riddell, J. (Janet)**

Information Motherlode!

(Information Circular ISSN, 0825-5431 ; 1990-15)

Includes bibliographical references
ISBN 0-7718-8896-1

1. Geology - Information Services - British Columbia I. British Columbia. Geological Survey Branch. II. Title. III. Series: Information Circular (British Columbia Ministry of Energy, Mines and Petroleum Resources) ; 1990-15

QE48.C32B74 1989

557.11'072

C89-092279-9

**VICTORIA
BRITISH COLUMBIA
CANADA**

November 1991



This booklet is published by the Geological Survey Branch of the British Columbia Ministry of Energy, Mines and Petroleum Resources to assist students, teachers, prospectors, rockhounds and the general public in finding general information on the rocks, minerals and fossils of British Columbia. Although names, addresses, prices and phone numbers are current at the time of printing we cannot guarantee the accuracy of this data.

Additions and suggestions for this publication are encouraged and may be submitted to:

Public Information Unit
Geological Survey Branch
Ministry of Energy, Mines and Petroleum Resources
553 Superior St., Room 200
Victoria, B.C., V8V 1X4
Tel. (604) 387-3236
or, FAX (604) 356-8153

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THE BRITISH COLUMBIA GEOLOGICAL SURVEY BRANCH

The mandate of the Geological Survey Branch, Mineral Resources Division, is to aid and stimulate the growth of the mining industry for the social and economic benefit of the people of British Columbia by conducting geoscientific surveys, analyzing and interpreting the geology of the province, and maintaining an inventory of mineral deposits. Other agencies within the Ministry of Energy, Mines and Petroleum Resources are responsible for the geological assessment of oil and gas resources and the management of energy resources. Branch scientists conduct basic field research, assist the public and industry, and cooperate with other government agencies to assure responsible and environmentally sound development of the province's mineral resources.

FOR GENERAL INFORMATION

Geological Survey Branch
553 Superior Street
Victoria, B.C. V8V 1X4
General Enquiries: (604) 356-2818

Ministry of Energy, Mines and Petroleum Resources Library
430 - 617 Government Street, Victoria, B.C. V8V 1X4
Sharon Ferris, Librarian Phone (604) 387-6407

Geological Survey Branch Programs

ECONOMIC GEOLOGY:

Dave Lefebure, (604) 356-5174

The Economic Geology Section conducts geological studies of mining districts and other areas of high mineral potential to evaluate the mineral resources of British Columbia and to develop genetic models for the guidance of mineral exploration and government planning. The section also maintains a large library of coal exploration data which have been summarized and stored in a computer information system called COALFILE.

MAPPING AND RESOURCE EVALUATION:

Bill McMillan, (604) 356-2849

The Mapping and Resource Evaluation Section carries out geological mapping, usually at 1:50 000-scale, in areas of the province that are underexplored or where the geology is poorly understood. Geological maps at this scale are a fundamental requirement for effective mineral exploration and informed land use management.

ENVIRONMENTAL GEOLOGY:

Paul Matyssek, (604) 387-6249

The Environmental Geology Section conducts basic research on the Quaternary geology of the province, is developing geoscience databases for surficial geology and geological hazards, evaluates geochemical and drift sampling techniques and manages the Regional Geochemical Survey program. The results of geochemical surveys are used extensively by the mineral exploration industry; they also provide baseline data for environmental impact studies and the development of land use policy.

GEOSCIENCE INFORMATION:

Gib McArthur, (604) 356-2839

The Geoscience Information Section collects, evaluates and collates geoscience data from several sources for inclusion in a large computerized information system and hardcopy file libraries. MINFILE currently contains information on more than 10 000 metallic and industrial mineral occurrences in British Columbia, including an outline of the geology and statistics on reserves and production. Data and search programs are available for use with IBM-compatible personal computers. Published and unpublished reports, maps, press clippings and airphotos concerning all mineral occurrences recorded in MINFILE are kept in Property File. Unpublished mineral industry geoscience reports are submitted to the Ministry as required by the *Mineral Tenure Act* and Regulations. About 20 000 of these assessment reports are presently on file, all of which can be accessed through the computer index ARIS.

DISTRICT GEOLOGY:

Vic Preto, (604) 356-2833

District Geologists, with offices in five major centres, are responsible for maintaining an up-to-date record of the geology and mineral exploration trends in their districts. They provide training for prospectors and advice to industry, other government departments and the general public. District Geologists are an excellent source for information on local geology, mining history and activities. The locations of district offices are listed below:

Prince George

1652 Quinn Street

Prince George, B.C. V2N 1X3

District Geologist - Ted Faulkner, (604) 565-6125

Nelson

310 Ward Street

Nelson, B.C. V1L 5S4

District Geologist - Paul Wilton,
(604) 354-6132

Kamloops

2985 Airport Drive
Kamloops, B.C. V2B 7W8
District Geologist - Rick Meyers,
(604) 828-4566

Smithers

Bag 5000
3793 Alfred Avenue
Smithers, B.C. V0J 2N0
Acting District Geologist - Mary-Lou Malott,
(604) 847-7391

Victoria

553 Superior Street
Victoria, B.C. V8V 1X4
District Geologist - vacant
(604) 356-8181

VANCOUVER OFFICE:

Tom Schroeter, (604) 660-2708

The Vancouver Regional Office was opened in 1986 to provide day-to-day contact and communication with the vibrant mineral exploration, mine finance and academic communities on the Lower Mainland. The office maintains a mining library which includes MINFILE and assessment reports.

Vancouver

159 - 800 Hornby Street
Vancouver, B.C. V6Z 2C5

Prospecting Courses

Eight introductory prospecting courses are offered through community colleges as evening courses. For information about courses in your area contact the nearest District Geologist.

An advanced Prospecting Course is jointly sponsored by the Geological Survey Branch and the Ministry of Advanced Education, Training and Technology every spring. This is an 18-day residence course covering geological theory and practical geological, geochemical and geophysical prospecting techniques.

The Petrology for Prospectors course is a 7-day laboratory oriented course which examines rock and rock alteration assemblages as they relate to important mineral deposit types in British Columbia.

For information contact:

Prospector's Training

Ministry of Energy, Mines and Petroleum Resources
Geological Survey Branch
553 Superior Street
Victoria, B.C. V8V 1X4 Phone (604) 356-2824

Gold Panning

In parts of British Columbia, recreational handpanning for gold and other placer minerals is allowed without holding a prospecting license (Free Miner Certificate). Equipment is limited to a hand pan and hand shovel. Mechanical equipment including rocker boxes, sluices and suction dredges are not allowed.

Further information may be obtained from:

Chief Gold Commissioner

Mineral Titles Branch
525 Superior Street
Victoria, B.C. V8V 1X4 Phone (604) 387-4417

Rock, Fossil and Gem Hunting in B.C.

Ministry of Tourism

Parliament Buildings

Victoria, B.C. V8V 1X4 Phone (604) 387-1428

Local information is available from gem and mineral clubs throughout the province, a list of which is included elsewhere in this brochure.

Rock, Fossil and Gem Hunting in National Parks

For information on regulations and restrictions on rock, mineral and fossil collecting in Canadian National Parks, contact:

Director General

National Resources Branch,
Canadian Parks Service,
Environment Canada,
Ottawa, Ontario K1A 0H3

PUBLICATIONS OF THE BRITISH COLUMBIA GEOLOGICAL SURVEY BRANCH

Publications of the B.C. Geological Survey are distributed by:

Crown Publications Inc.
546 Yates Street
Victoria, B.C. V8W 1K8
Phone (604) 386-4636; FAX: (604) 386-0221

B.C. and Yukon Chamber of Mines*
Publications Sales
844 West Hastings Street
Vancouver, B.C. V6C 1C8
(604) 688-7571; FAX: (604) 681-2363

*These are Vancouver agents for Crown Publications Inc. and carry a small inventory of the most current material. Government Agents across the province are also agents for Crown Publications and can help you order books and maps.

HOW TO FIND PUBLICATIONS OF INTEREST

The British Columbia Geological Survey distributes a catalog of publications in its Information Circular series. It contains a complete listing of all geoscience publications by the Ministry, even those which are out of print and available only in libraries. Information may be obtained by contacting Doreen Fehr (604) 356-7411.

Crown Publications publishes a *Catalogue of Publications, Maps and Services* containing the products of the British Columbia Ministry of Energy, Mines and Petroleum Resources that are still in print. This catalog is provided free of charge and is updated periodically. Although most publications are of a technical nature, some of more general interest are listed below.

SELECTED PUBLICATIONS

British Columbia Dimension Stone,
by G.V. White and Z.D. Hora (1988), B.C. Ministry of Energy, Mines and Petroleum Resources, Information Circular 1988-6.

Coal in British Columbia,
B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1986-3.

Coal in Northwest British Columbia: An Overview,
by T.G. Schroeter, G.V. White and J. Koo (1986), British Columbia
Ministry of Energy, Mines and Petroleum Resources, Paper 1986-5.

Energy - The Canadian Picture - A Teacher's Guide,
British Columbia Ministry of Energy, Mines and Petroleum Re-
sources, Energy Conservation and Technology Division (1980).

Guidelines for Mineral Exploration (March 1989)
Available from the Chief Inspector of Mines,
British Columbia Ministry of Energy, Mines and Petroleum Resources
Victoria, B.C. (604) 356-2200

The Identification of Common Rocks,
by Eileen Van der Flier-Keller and William J. McMillan (1987), British
Columbia Ministry of Energy, Mines and Petroleum Resources, Infor-
mation Circular 1987-5, completely revised, with colour plates.

Introduction to Prospecting,
by E.L. Faulkner (1986), British Columbia Ministry of Energy, Mines
and Petroleum Resources, Paper 1986-4.

Jade in British Columbia,
by Stuart S. Holland (1962), British Columbia Ministry of Energy,
Mines and Petroleum Resources, Annual Report for 1961, pages
119-126.

Landforms of British Columbia - A Physiographic Outline,
by Stuart S. Holland (1976), British Columbia Ministry of Energy,
Mines and Petroleum Resources, Bulletin 48.

**British Columbia Mineral Exploration Review, An Information Cir-
cular** produced annually by the B.C. Geological Survey. Summarizes
mining and exploration activity in the Province during the preceding
calendar year. Available from the Chief Geologist free on request.

British Columbia Geological Survey, Information Circular 1990-10. A
review of the goals, services and areas of activity of the B.C. Geological
Survey. Available from the Chief Geologist free on request.

**Gold Production and Reserves in British Columbia, Open File 1989-
22,** by T.G. Schroeter, C. Lund and G. Carter.

**A Century of Gold Production and Reserves in B.C.: 1890-1990, Open
File 1991-19,** by T.G. Schroeter and R.A. Lane. An update to Open
File 1989-22.

Earthquakes in B.C., Information Circular 1991-6. This brochure shows how and why earthquakes occur, and discusses the risks and impacts of potential earthquakes in British Columbia.

Mine Development Review Process - An Introduction

This brochure explains the concept and application of the Mine Development Review Process and how it is applied to organizations in the process of developing new mines in the Province of British Columbia. For copies or further information contact:

Mine Development Steering Committee
Resource Management Branch
British Columbia Ministry of Energy, Mines
and Petroleum Resources
105 - 525 Superior Street
Victoria, B.C. V8V 1X4

Mineral Market Update - A quarterly publication featuring British Columbia mining highlights and developments. This magazine is free of charge and is distributed by:

Communications and Public Affairs
British Columbia Ministry of Energy, Mines
and Petroleum Resources
Parliament Buildings
Victoria, B.C. V8V 1X4
Phone (604) 387-5178

Welcome to George's Guide to Claim Staking in B.C. - A simplified guide to the basic procedures involved in locating, recording and maintaining mineral titles, both placer and hardrock, in British Columbia. Available from:

Mineral Titles Branch
British Columbia Ministry of Energy, Mines
and Petroleum Resources
525 Superior Street
Victoria, B.C. V8V 1X4
Phone (604) 387-4417

or from Government Agent's offices throughout B.C.

SELECTED MAPS

Map A - Generalized Geological Map of the Canadian Cordillera, 48°N to 65°N, by E.V. Jackson (1967), 1:2 500 000.

Map C - Faults, Porphyry Deposits and Showings, and Tectonic Belts of the Canadian Cordillera, 48°N to 65°N, by R.H. Seraphim, V.F. Hollister, E.V. Jackson, S.H. Pilcher, J.J. McDougall and A. Sutherland Brown (1976), 1:2 500 000, one sheet on transparent mylar, includes tables of porphyry deposits and showings; prepared to overlay Map A.

Map D - Faults, Tectonic Belts, and Thermal Springs of the Canadian Cordillera, transparent overlay showing the geographic location and name of 102 measured and unmeasured thermal springs in relation to the faults and tectonic belts of the Canadian Cordillera (1981), complimentary to Map A.

Metallic Mineral Potential of British Columbia, 1:2 000 000 (1978).

Gold in British Columbia, Preliminary Map 64, 1:2 000 000 (1986).

Producers and Potential Producers - Mineral and Coal, Preliminary Map 65, 1:2 500 000 (1989)

This map is revised annually and shows all significant mineral exploration properties and active mines in the Province of British Columbia.

Discovery Methods for Metal Mines Producing in British Columbia between 1965 and 1986, Preliminary Map 66, 1:2 000 000 (1988).

British Columbia Geological Highway Map

This set of four maps, accompanied by an information booklet, covers the entire province, and includes photographs and sections (including text and figures) on many subjects of interest about British Columbia geology, including:

- metals, coal, industrial minerals, oil and gas
- the evolution of life
- seismic risk
- young volcanos and hot springs
- the geological cycle
- glaciation
- landforms
- plate tectonics.

**Areas Alienated or Restricted from Mining in British Columbia,
Preliminary Map 55, 1:2 000 000 (1983).**

For current information on land use issues contact:

**Graeme McLaren or Janet Fontaine
Mineral Policy Branch
26 - 525 Superior Street
Victoria, B.C., V8V 1X4
Phone (604) 356-2288**

OTHER SOURCES OF INFORMATION

GEOLOGICAL SURVEY OF CANADA

Geological Survey of Canada Publications
Energy, Mines and Resources Canada
601 Booth Street
Ottawa, Ontario, K1A 0E8

or

Geological Survey of Canada Publications
Energy, Mines and Resources Canada
100 West Pender - 6th Floor
Vancouver, B.C. V6B 1R8

The Geological Survey of Canada distributes several illustrated posters that are available free of charge to Canadian residents. These include Fossils; Gemstones; Meteorites; Minerals; Rocks; and Fossils of the Burgess Shale.

Misc. G50 - Index to Reports and Maps of General Interest

This index is free of charge and covers the following types of reports;

Memoirs: Comprehensive reports on the geology of specific areas.

Bulletins: Reports on detailed scientific studies of a geological subject.

Papers: Presentations of progress and accumulated data for a particular project.

Miscellaneous publications: A wide range of topics are covered, often of particular interest to the general public.

Misc. G52 - Price List of Reports for Western Canada

List of bulletins, memoirs, miscellaneous reports, papers and International Geological Congress Guidebooks for western Canada, listed by province. This index is free of charge.

SELECTED PUBLICATIONS

Fossils of the Burgess Shale - A National Treasure in Yoho National Park, British Columbia, by S. Conway Morris and H.B. Whittington (1985), Geological Survey of Canada, Miscellaneous Report 43.

Geology and Economic Minerals of Canada (5th edition), with maps and correlation charts, by R.J.H. Douglas (1970).

The Geological Survey of Canada - Past and Present (1986), Geological Survey of Canada, Miscellaneous Report 45.

Glacier and Mount Revelstoke National Parks, British Columbia: Where Rivers are Born, by D.M. Baird (1965), Geological Survey of Canada, Miscellaneous Report 11.

Introductory Mineral Table, by H.R. Steacy, (1981), Geological Survey of Canada.

Kootenay National Park, British Columbia: Wild Mountains and Great Valleys, by D.M. Baird (1964), Geological Survey of Canada, Miscellaneous Report 6.

Pacific Rim National Park, the Geology of Long Beach Segment, by A.H. Lang and J.E. Muller (1975), Geological Survey of Canada, Miscellaneous Report 24.

Prospecting in Canada (4th edition), by A.H. Lang (1980), Geological Survey of Canada.

Rock and Mineral Collecting in British Columbia, by Stan Leaming (1973), Geological Survey of Canada, Paper 72-53.

Rock and Mineral Collecting in Canada, Volume 1 - Yukon, Northwest Territories, British Columbia, Alberta, Saskatchewan and Manitoba, by Ann P. Sabina (1964), Geological Survey of Canada, Miscellaneous Report 8.

Rocks and Minerals for the Collector: The Alaska Highway: Dawson Creek, British Columbia to Yukon/Alaska Border, by Ann P. Sabina (1973), Geological Survey of Canada, Paper 72D32.

Yoho National Park, British Columbia: The Mountains, the Rocks, the Scenery, by D.M. Baird (1962), Geological Survey of Canada, Miscellaneous Report 4.

GEOS Magazine: A quarterly about the earth's resources is published by Energy, Mines and Resources Canada and is distributed without charge on request.

Write:

Distribution GEOS
Energy, Mines and Resources Canada
580 Booth Street
Ottawa, Ontario K1A 0E4

SELECTED MAPS

Map No. 900A Canada's Principal Mineral Areas, scale 1 inch to 120 miles. One copy free of charge to Canadian residents - extra copies \$7.50 each.

Map No. 1250A Geological Map of Canada.

Map No. 1251A Tectonic Map of Canada.

Map No. 1252A Mineral Deposits of Canada.

Map No. 1253A Glacial Map of Canada.

Map No. 1701A Physiographic Map of the Canadian Cordillera.

Map No. 1505A Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America; H.W. Tipper, G.J. Woodsworth and H. Gabrielse; scale 1:2 000 000; 1981.

Map No. 1513A Mineral deposits and principal mineral occurrences of the Canadian Cordillera and adjacent parts of the United States of America; K.M. Dawson; scale 1:2 000 000.

Map No. 1558A Gas Pools of Western Canada (two sheets); scale 1 inch to 6 miles; 1982.

Map No 1559A Oil Pools of Western Canada (two sheets); scale 1 inch to 16 miles; 1982.

Illustrated posters

Fossils

Gemstones

Meteorites

Minerals

Rocks

Fossils of the Burgess Shale

The posters are bilingual and are available free of charge to residents of Canada.

Pamphlets about earthquakes and offshore and marine geology

Write:

Pacific Geoscience Centre

P.O. Box 6000

Sidney, B.C. V8L 4B2

Phone (604) 653-6500

INDUSTRY ASSOCIATIONS

The British Columbia and Yukon Chamber of Mines

840 West Hastings Street
Vancouver, B.C. V6C 1C8
(604) 681-5328

The B.C. and Yukon Chamber of Mines is a public non-profit organization; it provides information and serves as a public relations bureau for mining and allied industries. The Hastings Street office maintains a mineral exhibit and provides a free mineral-identification service. This office distributes:

The Mining Review magazine (free of charge) - an annual review of exploration activity.

The Mining Review Directory (\$10) - a directory of its members engaged in providing services, equipment or supplies to the industry and also includes a list of mining and exploration companies active in British Columbia and Yukon.

Map - Mineral Deposits and Principal Mineral Occurrences of the Canadian Cordillera (Modified from GSC Map 1513A) Scale 1:2 000 000. This map is released annually and shows occurrences, commodities, operating companies and current owners of properties.

The Coal Association of Canada

Suite 502, 205 - 9th Avenue S.E.
Calgary, Alberta
T2G 0R3
Phone (403) 262-1544

The Coal Association of Canada is an association of companies engaged in the exploration of Canadian coal. It provides a forum to discuss and coordinate the views of its members on matters of common interest, and an authoritative voice promoting the use of coal, through communication with governments, customers, employees and the public.

Mining Association of B.C.

Box 12540, 860 - 1066 West Hastings Street
Vancouver, B.C. V6E 3X1
(604) 681-4321

The Mining Association of B.C. is an organization of companies or individuals operating a mine, smelter or related business in British Columbia. It provides a communications link between government, industry and the general public and it maintains committees to examine and advise on issues of concern to the mining industry. The MABC

promotes public awareness of these issues through distribution of a monthly newsletter, representation at community events, career fairs and a speakers bureau. The newsletter is free on request. The MABC Education Committee is developing teaching units and materials for use in the schools.

Northwest Mining Association
414 Peyton Building
Spokane, Washington, 99201
(509) 624-1158

Prospectors & Developers Association of Canada
74 Victoria Street, Suite 420
Toronto, Ontario M5C 2A5
(416) 362-1969

Chamber of Mines of Eastern British Columbia
215 Hall Street
Nelson, B.C. V1L 5X4
(604) 352-5242

Atlin Placer Miners' Association
Box 4
Atlin, B.C. V0W 1A0
(604) 567-2341

Cariboo Mining Association
Box 4699
Quesnel, B.C. V2J 3J9
(604) 992-6979

Dease-Cassiar Miners' Association
General Delivery
Dease Lake, B.C.
(604) 771-3602

Geological Association of Canada (Cordilleran Section)
P.O. Box 398, Station A
Vancouver, B.C. V6C 2N2
(604) 684-7254

Kamloops Exploration Group
200 - 2985 Airport Road
Kamloops, B.C., V2B 7W8
(604) 828-4566

Omineca Branch Canadian Institute of Mining and Metallurgy
c/o Carl Gagnier
Equity Silver Mines Ltd.
Box 1450
Houston, B.C. V0J 1Z0
(604) 845-7799

Smithers Exploration Group
Box 3196
Smithers, B.C. V0J 2N0
(604) 847-3612

Southern Interior Prospector's and Developers Association
Box 817
Princeton, B.C. V0X 1W0
(604) 295-3792

Yukon Chamber of Mines
Box 4427
412 Main Street
Whitehorse, Y.T. Y1A 3T5
(403) 667-2090

MUSEUMS

M.Y. Williams Geological Museum at The University of British Columbia

This excellent museum includes a collector's shop with a superb collection of crystal and fossil specimens available for sale. There are also several displays, including a fossil dinosaur (*Lambeosaurus*) 10 metres long, systematic collections of rocks, minerals and fossils, and other interesting exhibits and models. Class visits can be arranged by calling the Geological Sciences building at (604) 228-2449.

Royal British Columbia Museum

601 Belleville Street
Victoria, B.C. V8V 1X4
Phone (604) 387-3701

The museum has an excellent natural history section and has recently taken charge of the Geological Survey Branch's collection of rocks and minerals of British Columbia. The Friends of the Royal British Columbia Museum sponsor the Newcombe Program, a series of museum-related events. For Newcombe Program event information call (604) 387-5822. If you have an artifact or specimen you would like to donate to the museum, please call (604) 387-2149.

British Columbia Provincial Archives

Parliament Buildings, Victoria, B.C.
Phone (604) 387-3621

The Provincial Archives is a reference collection of manuscripts, records, books, pamphlets, maps, paintings, sound recordings and photographs relating to British Columbia history, including mining and related industries.

OTHER BRITISH COLUMBIA MUSEUMS WITH DISPLAYS OF GEOLOGICAL OR MINING INTEREST

Abbotsford

Matsqui-Sumas-Abbotsford
Museum
2313 Ware Street
Abbotsford, B.C. V2S 3C6
Phone (604) 453-9232

Ashcroft

Ashcroft Museum (east of the
Trans-Canada Highway at Cache
Creek)
404 Brink Street
Ashcroft, B.C. V0K 1A0
Phone (604) 453-9232

Atlin

Atlin Historical Museum (south of
the Alaska Highway at Jake's
Corner)
Box 111
Atlin, B.C. V0W 1A0
Phone (604) 651-7522

Barkerville

Barkerville Historic Park (east of
Quesnel on Highway 26)
Barkerville, B.C. V0K 1B0
Phone (604) 994-3332

Britannia Beach

British Columbia Museum of
Mining (north of Vancouver on
Highway 99)
PO Box 188
Britannia Beach, B.C. V0N 1J0
Phone (604) 688-8735 or
(604) 896-2233

Bralorne Pioneer Museum

(end of Hawkes Street)
Bralorne, B.C.

Chase

Shuswap Lake Provincial Park
(Trans-Canada Highway east of
Kamloops)
Nature House
Chase, B.C. V0E 1M0
Phone (604) 955-2217

Courtenay

Courtenay and District Museum
and Archives (on the Island
Highway - Highway 19 - north of
Nanaimo)
360 Cliffe Avenue
PO Box 3128
Courtenay, B.C. V9N 5N4
Phone (604) 334-3881

Cumberland

Cumberland Museum (First Street,
north of Dunsmuir Avenue)
PO Box 258
Cumberland, B.C. V0R 1S0
Phone (604) 336-2445

Dawson Creek

Dawson Creek Museum Art
Gallery (the southern terminus of
the Alaska Highway)
13th Street and Alaska Avenue
Dawson Creek, B.C. V1G 1Z4
Phone (604) 782-4868

Fernie

Fernie and District Historical
Society (on the Southern Trans-
provincial Highway between
Cranbrook and the Alberta border)
502 - 5th Avenue PO Box 1527
Fernie, B.C. V0B 1M0
Phone (604) 423-7016

Fort Steele

Fort Steele Heritage Town
(16 km NE of Cranbrook
Highway 93/95)
General Delivery
Fort Steele, B.C. V0B 1N0
Phone (604) 489-3351

Grand Forks

Boundary Museum
(on Southern Transprovincial
Highway - Highway 3)
7370 - 5th Street
PO Box 17
Grand Forks, B.C. V0H 1H0
Phone (604) 442-3737

Greenwood

Greenwood Museum
(214 South Copper Street)
Box 399
Greenwood, B.C. V0H 1J0
Phone (604) 445-6355

Hope

Hope Museum
(919 Water Street)
Box 26
Hope, B.C. V0X 1L0
Phone (604) 869-7322

Hudson Hope

Dam Exhibit Centre, Peace Canyon
Power Project
(west of Hudson Hope on Highway
29, between Prince George and
Fort St. John)
Box 509, Highway 29,
Hudson Hope, B.C. V0C 1V0
Phone (604) 663-2419

Hudson Hope Museum
Box 98
Hudson Hope, B.C. V0C 1V0
Phone (604) 783-5735

Kamloops

Kamloops Museum
207 Seymour Street
Kamloops, B.C. V2C 2E7
Phone (604) 372-9931

Kelowna

Kelowna Centennial Museum and
National Exhibit Centre
(Highway 97 through the Okanagan
District)
470 Queensbury
Kelowna, B.C. V1Y 6S7
Phone (604) 763-2417

Kimberley

Kimberley Heritage Museum
(105 Spokane Street)
Box 144
Kimberley, B.C. V1A 2Y5
Phone (604) 427-7510

Kitimat

Kitimat Centennial Centre
(south of Highway 16 at Terrace)
283 City Centre
Kitimat, B.C. V8C 1T6
Phone (604) 653-7022

Lake Cowichan

Kaatza Historical Museum
Box 135
Lake Cowichan, B.C. V0R 2G0
Phone (604) 749-6142

Lillooet

Lillooet Museum
(west of the Trans-Canada Highway
at Cache Creek)
Box 441
Main Street
Lillooet, B.C. V0K 1V0
Phone (604) 256-4308

Merritt

Nicola Valley Museum and
Archives
(2202 Jackson Avenue)
Box 1262
Merritt, B.C. V0K 2B0
Phone (604) 378-4145

Midway

Kettle River Museum
(Highway 3 - CPR Station)

Mission

Mission Museum
(east of Vancouver on Highway 7)
33201 Second Avenue
Mission, B.C. V2V 1J9
Phone (604) 826-1011 or 826-8808

Nakusp

Nakusp Museum
(at the junction of Highways 23 and
6, in the Nakusp City Hall)
Phone (604) 265-3323

Nanaimo

Nanaimo Centennial Museum
100 Cameron Road
Nanaimo, B.C. V9R 2X1
Phone (604) 753-1821

Nelson

Chamber of Mines of Eastern BC
Museum
215 Hall Street
Nelson B.C. V1L 5X4
Phone (604) 352-5242

Nelson Museum
402 Anderson Street
Nelson, B.C. V1L 3Y3
Phone (604) 352-9813

West Kootenay Visitor Centre
(Kokanee Creek Provincial Park
19 km west of Nelson)
#4750 Highway 3A
RR #3
Nelson, B.C. V1L 5P6
Phone (604) 825-4723

Woodberry Mining Museum
(Hwy 31, north of Nelson)
417 W. Beasley St.
Nelson, B.C., V1L 5M6

New Denver

Sandon Museum
(Highway 31A east of New Denver,
west of Kaslo)
PO Box 303
New Denver, B.C. V0G 1S0
Phone (604) 358-2485

Silvery Slocan Museum
(202 Main Street)
Box 301
New Denver, B.C. V0G 1S0
Phone (604) 358-2201

Osoyoos

Osoyoos Museum
(Southern Transprovincial High-
way - Highway 3 - south of
Okanagan Lake)
Box 791
Osoyoos, B.C. V0H 1V0
Phone (604) 495-6723

Pemberton

Pemberton Museum
(Prospect Street, Pemberton
Village)
Phone (604) 894-6248

Penticton

R.N. Atkinson Museum
(Highway 97 through the Okanagan District)
785 Main Street
Penticton, B.C. V2A 5E3
Phone (604) 492-6025

Prince Rupert

Museum of Northern British Columbia
(the western terminus of Highway 16)
Box 669
McBride Street at First Avenue
Prince Rupert, B.C. V9J 3S1
Phone (604) 624-5637

Quesnel

Quesnel Historical Museum
(at 707 Carson Avenue, on Highway 97, at the southern entrance to Quesnel)
c/o City of Quesnel
405 Barlow Avenue
Quesnel, B.C. V2J 2C3
Phone (604) 992-9580

Revelstoke

Revelstoke Museum
(315 West 1st Street)
Box 1908
Revelstoke, B.C. V0E 2S0
Phone (604) 837-3067

Rosedale

Bridal Falls Trading Post and Museum of Minerals and Crystals
(on the Trans-Canada Highway west of Hope)
53560 Bridal Falls Road
Rosedale, B.C. V0X 1X0

Rossland

Rossland Mining Museum
(Junction of Highways 22 & 38)
PO Box 26
Rossland, B.C. V0G 1Y0
Phone (604) 362-7722

Salmo

Salmo Museum
(104 Fourth Street)
Box 69
Salmo, B.C. V0G 1Z0
Phone (604) 357-2200

Silverton

Silverton Outdoor Mining Exhibit
(On Highway 6,
next to the Silverton Village Office)
Silverton, B.C.
Phone (604) 358-7788

Smithers

Bulkley Valley Museum
(Highway 16, between Prince George and Prince Rupert)
Box 2615
Smithers, B.C. V0J 2N0
Phone (604) 847-3898

Sooke

Sooke Regional Museum
(Phillips Road, Highway 14 west of Victoria)
PO Box 774
Sooke, B.C. V0S 1N0
Phone (604) 642-6351

Stewart

Stewart Historical Museum
(Columbia Street, between 6th and 7th Streets)
Box 402
Stewart, B.C. V0T 1W0
Phone (604) 636-2568

Terrace

Terrace Heritage Park
Terrace, B.C.
Phone (604) 635-2508

Vernon

Mrs. Ruby Gay's Museum
(Highway 97 through the
Okanagan District)
RR #5, Highway 97 North
Vernon, B.C. V1T 6L8

Wells

Wells Museum
(Pooley Street at Information
Centre)
c/o Wells Historical Society
Box 244
Wells, B.C. V0K 2R0
Phone (604) 994-3379

Williams Lake

Williams Lake Museum
113 - 4th Avenue North
Williams Lake, B.C. V2G 2C8
Phone (604) 392-4158

Yale

Historic Yale Museum
(31179 Douglas Street)
Box 74
Yale B.C. V0K 2S0
Phone (604) 863-2324

GEM AND LAPIDARY CLUBS

Local information about rock and gem hunting in British Columbia can be obtained from these sources. Days and times of meetings are noted where known, further details are obtainable from the individual clubs.

Provincial Organizations

British Columbia Faceter's Guild

457 Seashell Drive

Delta, B.C. V4L 2L3

Meets second Saturday of the month, 9:30 a.m.

Creative Jewellers Guild of B.C.

c/o 5389 - 49B Avenue

Delta, B.C. V4K 4R7

Meets first Saturday of the month, 1:00 p.m.

Gem and Mineral Foundation of Canada

3492 Dundas Street

Vancouver, B.C. V5K 1R8

Lapidary Rock and Mineral Society of British Columbia

Attention: Mrs. C. Sparkes, Executive Secretary

941 Wavertree Road North

North Vancouver, B.C. V7R 1S4

This society sponsors the annual B.C. Gem and Mineral Show in August, the last weekend before Labour Day, at the South Delta Recreation Centre.

Tiffany Gem Cutters of B.C.

6640 Gainsborough Drive

Richmond, B.C. V7E 3Z3

Meets second Saturday of the month, 7:00 p.m.

Abbotsford

M.S.A. Rock and Lapidary Club
Box 461
Abbotsford, B.C. V2S 5Z5
Meets second Wednesday of the month, 7:00 p.m.

Aldergrove

Fraser Valley Rock and Gem Club
Box 513
Aldergrove, B.C. V0X 1A0
Meets second Friday of the month, 8:00 p.m. This club sponsors a rock and gem show in September or October each year at the Elks Hall in Aldergrove.

Burnaby

Burnaby Laphounds Club
Box 80164
6025 Sussex Street
Burnaby, B.C. V5H 3X5
Meets second Tuesday of the month, 8:00 p.m.

Burnaby Gem and Mineral Club
Box 80741
South Burnaby, B.C. V5H 3X6

Campbell River

Ripple Rock Gem and Mineral Club
Box 6
Campbell River, B.C. V9W 4Z9
Meets second Friday of the month, 7:30 p.m.

Chase

Shuswap Rock Club
General Delivery
Chase, B.C. V0E 1M0
Meets first Tuesday of the month, 7:30 p.m.

Chilliwack

Chilliwack Lapidary Club
Box 322
Chilliwack, B.C. V2P 6J4

Courtenay

Courtenay Gem and Mineral Club
Box 3025
Courtenay, B.C. V9N 5N3
Meets third Tuesday of the month, 7:30 p.m.

Creston

Creston Valley Rock and Mineral Club
Site 23, Box 14
RR #2
Creston, B.C. V0B 1G0
Meets first Thursday of the month, 2:00 p.m.

Delta

Delta Rockhound Club
c/o 1645 Braid Road
Delta, B.C. V4L 1T5
Meets third Monday of the month, 7:30 p.m.

Duncan

Cowichan Valley Rockhound Club
Box 232
Duncan, B.C. V9L 3X3
Meets third Monday of the month, 7:00 p.m.

Engen

Nechako Valley Rock Club
Rolling Stone Rock Shop
General Delivery
Engen, B.C. V0J 1M0

Gibsons

Sunshine Coast Lapidary and
Crafts
Box 1025
Gibsons, B.C. V0N 1V0
Meets first Wednesday of the
month, 7:30 p.m.

Golden

Golden Rock & Fossil Club
Box 536
Golden, B.C. V0A 1H0
Meets second Wednesday of
month, 8:00 p.m.

Greenwood

Greenwood Rock and Antique
Club
Box 243
Greenwood, B.C. V0H 1J0

Hedley

Similkameen Rock Club
Attention: Mrs. J. Sanders
Hedley, B.C. V0X 1K0

Houston

Houston Rockhound Club
Box 828
Houston, B.C. V0J 1Z0

Kamloops

Thompson Valley Rock Club
c/o 957 Holt St
Kamloops, B.C. V2B 5H1
Meets first Monday of the month,
7:30 p.m.

Kaslo

Kokanee Rock Club
Box 1104
Kaslo, B.C. V0G 1M0
Meets last Tuesday of the month,
7:30 p.m.

Kelowna

1120 Rock Club
Box 182
Kelowna, B.C. V1Y 7N5
Meets last Tuesday of the month,
7:00 p.m.

Lillooet

Lillooet Rock and Gem Club
Box 633
Lillooet, B.C. V0K 1V0
Meets second Monday of the
month, 7:30 p.m.

Mile O Rock and Gem Club
Box 1144
Lillooet, B.C. V0K 1V0
Meets second Monday of the
month.

Sterling and Stone
c/o Box 244
Lillooet, B.C. V0K 1V0

Lower Nicola

Nicola Valley Rockhounds
Box 61
Lower Nicola, B.C. V0K 1Y0

Maple Ridge

Maple Ridge Lapidary Club
Box 142
Maple Ridge, B.C. V2X 7E9
Meets first Thursday of the month,
8:00 p.m. This club sponsors a gem
and mineral show held the first
weekend in March each year, at the
Centennial Centre in Maple Ridge.

Mission City

Mission Valley Rock and Mineral
Club
33580 Fifth Avenue
Mission City, B.C. V2V 1H4

Nanaimo

Skyline Rock and Mineral Club
855 Park Avenue
Nanaimo, B.C. V9R 4H9

New Westminster

New Westminster Lapidary Club
49 Sixth Street
New Westminster, B.C. V3L 4S8

North Vancouver

North Shore Rock and Gem Club
Box 236
North Vancouver, B.C. V7L 4S8

Rockcrafters Guild of North
Vancouver
3436 Mount Seymour Parkway
North Vancouver, B.C. V7H 1G4

Parksville

Parksville and District Rock and
Gem Club
Box 212
Parksville, B.C. V0R 2R0
Meets second Tuesday of the
month, 1:30 p.m.

Penticton

Penticton Geology and Lapidary
Club
Box 132
Penticton, B.C. V2A 6J9
Meets first Wednesday of the
month, 7:30 p.m. This club sponsors
a mineral and gem show in October
or November each year in the
Cherry Lane Mall in Penticton.

Pitt Meadows

Gem-N-1 Craftsmen1
9625 Lougheed Highway
Pitt Meadows, B.C. V0M 1P0

Port Alberni

Alberni Valley Rock and Gem Club
Box 1291, Station A
Port Alberni, B.C. V9Y 7M2
Meets first Sunday of the month,
8:00 p.m. This club sponsors a min-
eral and gem show in March every
year, held at the Echo Centre in
Port Alberni.

Port Moody

Port Moody Rock and Gem Club
c/o 87-1133 Pipeline Road
Coquitlam, B.C. V2A 6J9
Meets last Tuesday of the month,
7:30 p.m.

Powell River

Powell River Lapidary Club
Box 354
Powell River, B.C. V8A 4G4
Meets second and fourth Wednes-
day of the month, 7:30 p.m.

Prince George

Spruce City Rock and Gem Club
2880 - 15th Avenue
Prince George, B.C. V2M 1T1

Prince Rupert

Prince Rupert Lapidary Club
1000 McBride Street
Prince Rupert, B.C. V8J 3H2

Princeton

Princeton Rock and Mineral Club
Box 1518
Princeton, B.C. V0X 1W0

Quesnel

Quesnel Rock & Gem Club
Box 4114
Quesnel, B.C. V2J 3J2
Meets second Sunday of the month,
7:30 p.m.

Richmond

Richmond Gem and Mineral Club
Richmond Art Centre
5951 No. Three Road
Richmond, B.C. V6X 2E3
Meets first Friday of the month,
7:30 p.m.

Smithers

Bulkley Valley Mineral and
Lapidary Club
Attention: Mrs Myrna Briggs
RR #1, Virginia Street
Smithers, B.C. V0J 2N0

Surrey

Surrey Rockhound Club
296 Leroy Street
Coquitlam, B.C. V3K 5K6
Meets fourth Wednesday of the
month, 8:00 p.m. This club sponsors
a gem and mineral show the first
weekend of November every year,
at the Sullivan Hall, Surrey.

Terrace

Terrace Lapidary Club
Box 152
Terrace, B.C. V8G 4A6

Trail

Dewdney Trail Rock and Gem Club
313 Sylvia Crescent
Trail, B.C. V1R 1A4
Meets first Monday of the month.

Vancouver

Dunbar Lapidary Club
Dunbar Community Centre4
747 Dunbar Street
Vancouver, B.C. V6S 2H2
Meets second Tuesday of the
month, 7:30 p.m.

Hastings Centre Rockhounds

Hastings Community Centre
3096 East Hastings Street
Vancouver, B.C. V5K 2A3
Meets fourth Wednesday of the
month, 7:30 p.m. This club sponsors
a gem and mineral show the first
weekend in April every year, at the
Hastings Community Centre, Van-
couver.

Lapidary Club of Vancouver

Box 4547
349 West Georgia
Vancouver, B.C. V6B 4A1
Meets second Tuesday of the
month, 1:30 p.m.

Vernon

Vernon Lapidary and Mineral Club
Box 14
Vernon, B.C. V1T 6M1
Meets second Thursday of the
month, 7:30 p.m.

Victoria

Victoria Lapidary and Mineral
Society
Box 5114, Station B
Victoria, B.C. V8R 6N3
Meets first Monday of the month,
8:00 p.m. This club sponsors a
hobby show in April every year, at
the Victoria Curling Club, Victoria.

West Vancouver

Lapidary Club of West Vancouver
Box 91233
West Vancouver, B.C.
Meets third Monday of the month.

BRITISH COLUMBIA MINERAL AND LAPIDARY DEALERS

This is not a complete listing. Please consult your local yellow pages for additional dealers. Dealers are welcome to submit their name and address for future updates of this brochure.

Aldergrove

Western Gem & Mineral Supplies
27102 Fraser Highway,
Box 219
Aldergrove, B.C. V0X 1A0
Phone (604) 856-8170

Anahim Lake

Sea Rose Mines
Box 3434
Anahim Lake, B.C. V0L 1C0
Phone (604) 742-3386

Burnaby

Jade Intarsia
325 - 6400 Roberts Street
Burnaby, B.C. V5C 3K8
Phone (604) 299-7244

Cache Creek

Cache Creek Saddle Shop
c/o V.J. Todd
Cache Creek, B.C. V0K 1H0

Fort St. John

Kar-Trels Jade Ltd.
RR #1
Fort St. John, B.C. V1J 4M6
Phone (604) 785-2163

Hope

Sue's Rock Shop
489 Trans-Canada Highway No. 1
Box 1057
Hope, B.C. V0Z 1L0

Kaslo

Huggins Handcraft Jewellers
Front Street
Kaslo, B.C. V0G 1M0
Phone (604) 353-7333 or 353-2253

Langley

Elco Jade Limited
24421 Fraser Highway
RR #3
Langley, B.C. V3A 7B9

Lee's Jade and Opals Ltd.
3563 - 232nd Street
RR #12
Langley, B.C. V3A 7B9
Phone (604) 534-2736

O'Ferguson Rocks and Grits
23537 - 40th Avenue
RR #12
Langley, B.C. V3A 7B9
Phone (604) 530-4254

Lillooet

Ron Purvis
Box 609
Lillooet, B.C. V0K 1V0

New Westminster

Joan's Gems and Minerals
Westminster Quay Market
810 Front Street
New Westminster, B.C. V3M 6B9
Phone (604) 524-8540

North Vancouver

Capilano Rock and Gem Ltd.
1644 Bridgman Avenue
North Vancouver, B.C. V7P 2T4
Phone (604) 987-5311

Oliver

Rene's Rock Shop
RR #2
Oliver, B.C. V0H 1T0
Phone (604) 498-2710

Penticton

Mystic Gems
Site 60, Comp. 16
RR #2
Penticton, B.C. V2A 6J7
Phone (604) 492-4782

Princeton

Caribou Jade and Gems
R. & L. Bouvette
Box 565
Princeton, B.C. V0X 1W0
Phone (604) 292-8541

Rock Creek

Capt. Joe's
RR #2
Rock Creek, B.C. V0H 1Y0
Phone (604) 446-2777

Jades Plus Rock Shop
Box 144
Rock Creek, B.C. V0H 1X0
Phone (604) 446-2786

Rosedale

Bridal Falls Trading Post
53560 Bridal Falls Road
Rosedale, B.C. VOX 1X0
Phone (604) 794-3003

Cassiar Jade Shop
50526 Yale Road East
RR #1
Rosedale, B.C. V0X 1X0
Phone (604) 794-7453

Royston

Gem and Lapidary
Box 105
Royston, B.C. V0R 2V0
Phone (604) 334-4390

Saanichton

Images of Time Scientific Ltd.
Box 461
Saanichton, B.C. V0S 1M0
Phone (604) 652-0649

Smithers

Danica Lapidary and Art Barn
Box 2471
(1215 Main Street)
Smithers, B.C. V0J 2N0
Phone (604) 847-3004

Marcella's B.C. Jade Sales
Box 2675
Smithers, B.C. V0J 2N0
Phone (604) 847-2826

Surrey

B & G Lapidary
13818 - 89A Avenue
Surrey, B.C. V3V 6K9
Phone (604) 596-4543

Gian-Carlo
11387 - 124 Street
Surrey, B.C. V3S 4V3
Phone (604) 580-3264

Vancouver

B.C. Jade House
3695 Main Street
Vancouver, B.C. V5V 3N6
Phone (604) 874-8667

Burns Gem, Rock and Lapidary
(1982) Ltd.
520 Hastings Street West
Vancouver, B.C. V6A 1P8
Phone (604) 669-3422

Bustopher Goldsmiths Limited
410 Howe Street
Vancouver, B.C. V6C 2A5
Phone (604) 683-8243

Creative Fluorescents and Jewellery
340 East 20th Avenue
Vancouver, B.C. V5V 1M3
Phone (604) 876-4488

Elden Exploration Enterprises Ltd.
567 Hornby Street
Vancouver, B.C. V6C 2E8
Phone (604) 687-1891

Glenda's Gems
412 - 5550 Cambie Street
Vancouver, B.C. V5Z 3A2
Phone (604) 321-7887

Jade Galleries
853 Hamilton Street
Vancouver, B.C. V6B 2R7
Phone (604) 681-8959

Jade World
1696 West First Avenue
Vancouver B.C. V6J 1G1
Phone (604) 733-7212

Kory's Gem Craft
625 East 16th Avenue
Vancouver, B.C. V5T 2V3
Phone (604) 879-2242

Loex Jades Limited
3182 Camosun Street
Vancouver, B.C. V6P 3X1
Phone (604) 228-8219

Rare Earth Gems Ltd.
820 - 470 Granville Street
Vancouver, B.C. V6C 1V5
Phone (604) 685-6936

Rusty's Gems Ltd.
Box 24487, Station C
Vancouver, B.C. V5T 4E1

Willy Ent. Ltd.
1045 Robson Street
Vancouver, B.C. V6E 1A9
Phone (604) 684 6629

Vernon

L & M Opal Imports
Site 17A, Comp. 12
RR #5
Vernon, B.C. V1T 7Z3
Phone (604) 545-6487

Victoria

The Rockhound Shop
777 Cloverdale Avenue
Victoria, B.C. V8X 2S6
Phone (604) 388-5341

Westbank

Kel Findings
Box 55
Westbank, B.C. V0H 2A0
Phone (604) 768-5609

White Rock

Lucky Strike Lapidary
14418 Blackburn Crescent
White Rock, B.C. V4B 3A4
Phone (604) 531-9938

Nephrite Sales
Box 126
White Rock, B.C. V4B 4Z7
Phone (604) 536-2454

White Stetson Rock Shop
2248 King George VI
White Rock, B.C. V4A 5A2
Phone (604) 536-6216

GEMMOLOGICAL INSTRUMENTS AND SUPPLIES

This is not a complete listing so please consult your local yellow pages for additional sources of instruments and supplies.

Gemlab Research and Technology

Box 69024

Vancouver, B.C. V5K 4W3

Phone (604) 530-8860

Polished gemstones, gemmological instruments, instruction books.

James International Sales Ltd.

3960 Charles Street

Burnaby, B.C. V5C 3K8

Phone (604) 291-6857

Microscopes, gemmological instruments.

Pacific Institute of Gemmology

Box 69024

Vancouver, B.C. V5K 4W8

Phone (604) 530-8569

Microscopes, gemmological instruments.

BOOKS, ARTICLES AND FILMS

BOOKS

And So ... That's How It Happened,

W.M. Hong (1978), self-published, Wells, B.C.

Recollections of Stanley-Barkerville 1900-1975 by one of the many Chinese pioneers of B.C.'s gold fields.

Barkerville - A Guide to the Fabulous Cariboo Gold Camp,
by Bruce Ramsay (1961), Mitchell Press, Vancouver.

Barkerville Days,

by Fred Luddett (1980), Mitchell Press, Vancouver.

Barkerville - the Town that Gold Built,

by Lorraine Harris (1984), Hancock House Publishers, Surrey, B.C.

Blakeburn - from Dust to Dust,

by Don Blake, self published.

The rise and fall of a coal-mining town.

Border Gold,

by Mae Atwood (1981), self published.

Gold mining in the Rock Creek-Greenwood area.

Boss Whistle - The Coal Miners of Vancouver Island Remember,

by Lynne Bowen (1982), Oolichan Books, Lantzville, B.C.

Social history of coal mining on Vancouver Island.

British Columbia Recreational Atlas

An informative companion for people who travel British Columbia whether on lake or river, hiking path or wilderness trail, byway or highway. Consists of newly redrawn, four colour maps at a scale of 1:600 000 (1cm=6km), available from Crown Publications Inc. (604)386-4636

The Burgess Shale,

by Harry B. Whittington (1985), Yale University Press, New Haven and London.

Cariboo Gold - The Story of the British Columbia Gold Rush,

by Marian T. Place (1970), Holt, Rinehart and Winston of Canada.

The Cariboo Gold Rush Story,
by Donald E. Waite (1988), Hancock House, Surrey, B.C.

Coal in Canada,
Published by the Coal Association of Canada (1985).

The Coal Coast
by Eric Newsome, Orca Book Publishers, ISBN 0-920501-11-7

The Craigmont Story,
by Murphy Shewchuk (1983), Hancock House, Surrey, B.C.
History of the Craigmont mine near Merritt, B.C.

Fur, Gold and Opals - A Guide to the Thompson River Valley,
by Murphy Shewchuk (1975), Hancock House Publishers, Surrey, B.C.

**Geology of the Northwest Mainland - The Geology of the Skeena,
Nass and Kitimat drainages of British Columbia,**
by Allan Gottesfeld (1985), Kitimat Centennial Museum Association.

Encyclopedia of Ghost Towns and Mining Camps of British Columbia
by Thomas W. Paterson (1979), Stagecoach Publishing Co. Ltd.,
Langley, B.C.

The Fraser's History - from Glaciers to Early Settlements,
by W.H. Mathews, C.E. Borden, G.P.V. Akrigg and J.E. Gibbard,
(1977), Burnaby Historical Society, Burnaby, B.C.

Gold along the Fraser,
by Lorraine Harris (1984), Hancock House Publishers, Surrey, B.C.

Gold and Other Minerals: How they are Found and Mined,
by John B. Gammon, illustrations by Carol Danvers (1987),
Institution of Mining and Metallurgy, London, England.
Distributed in Canada by MSS Ltd.

Gold Creeks and Ghost Towns,
by N.L. Barlee (1984), Hancock House, Surrey, B.C.
A brief history and guide to ghost towns of B.C.'s placer gold areas.

The Gold Crusades - The Social History of Gold Rushes,
by Douglas Fetherling (1988), Macmillan of Canada, Toronto.
Chapter 4, "To the ends of the Empire" deals specifically with British
Columbia.

Gold! Gold!,

by Joseph Petralia (1980), Hancock House Publishers, Surrey, B.C.

Gold Rush,

by Rosemary Neering (1974), Fitzhenry and Whiteside Limited, Toronto.

The Goldseekers,

by Ralph Hall (1978), Sono Nis Press, Victoria.

History of mining in the Fort St. James, Manson Creek, Germansen Landing areas in the 1930s.

The Guide to Goldpanning,

by N.L. Barlee (1984), Hancock House Publishers, Surrey, B.C.

Guide to Rocks and Minerals of the Northwest,

by Stan and Chris Leaming (1986), Hancock House Publishers, Surrey, B.C.

Hammerstone - The Biography of an Island,

by Olivia Fletcher (1989), Apple Press, Hornby Island, B.C.

A documentary on the Hornby Island environment.

The Hope Slide - Disaster in the Dark,

Edited by Art Downs (1985), Heritage House Publishing Co. Ltd., Surrey, B.C.

Indian Petroglyphs of the Pacific Northwest,

by Beth Hill (1974), Hancock House Publishers, Surrey, B.C.

Indian Rock Carvings of the Pacific Northwest Coast,

by Beth Hill (1989), Hancock House Publishers, Surrey, B.C.

The Journals of George M. Dawson, British Columbia 1875-1878,

Edited by Douglas Cole and Bradley Lockner (1989), The University of British Columbia Press.

This remarkable man was a pioneer of the Geological Survey of Canada. As he studied geology in British Columbia, he also made observations about the flora and fauna, and the native people he encountered. His work is an important contribution to the understanding of the natural history of the province.

Landforms and Observed Hazard Mapping, South Thompson Valley, British Columbia, by R.G. Buchanan (1977), Ministry of Highways and Public Works, Geotechnical and Materials Branch. This is a technical volume for use by engineers and geotechnicians but it contains an

appendix of excellent airphoto mosaics covering the South Thompson valley which beautifully illustrate types of river and glacial deposits, for example, fans, colluvium, floodplains, moraines, lacustrine terraces, and so on.

Lost Bonanzas of Western Canada - Thirteen Stories of Lost Mines, Buried Treasure or Outlaw Loot from B.C., Alberta, and the Northwest Territories,

Edited by Garnet Basque (1988), Sunfire Publications, Langley, B.C.

Lost Mines - the Historic Treasures of British Columbia,

by N.L. Barlee (1989), Hancock House Publishers, Surrey, B.C.

Mining in B.C.,

by G.W. Taylor, Hancock House Publishers, Surrey, B.C.

Mining in Focus; an Illustrated History of Mining in British Columbia,
by Bruce Ramsey (1968),

The Naturalist's Guide to the Victoria Region, Edited by Jim Weston and David Stirling (1986), The Victoria Natural History Society, Victoria.

This book includes an excellent section on the geology of the Victoria area that explains tectonic and glacial history and provides locations and description of geological field stops in the Greater Victoria region.

Oceanography of the British Columbia Coast,

by Richard E. Thomson (1981), Department of Fisheries and Oceans, Ottawa.

An in-depth book about the B.C. coast - it deals primarily with waves, currents and tides but also includes topics ranging from meteorology to marine biology to past and present marine geology.

Overlanders - 1858 Gold,

by Richard Thomas Wright (1985), Western Producer, Prairie Books, Saskatoon.

Rockhounding and Beachcombing on Vancouver Island,

by Bill and Judy Hutchinson (1971), Published by Tom and Georgie Vaulkhard, The Rockhound Shop, Victoria.

Rocks, Rigs and Roughnecks - British Columbia's Oil and Gas History,
by Peter Corley-Smith (1988), The Royal British Columbia Museum.

Sandon, the Mining Centre of the Silvery Slocan,
by D. May (1986), self-published, Nelson, B.C.
This is a history of Sandon from 1891 to the present.

**Shays on the Switchbacks - A History of the Lenora - Mount Sicker
Railway,**
by Elwood White and David Wilkie (1963), B.C. Railway Historical
Association, Victoria.

**Similkameen - the Gold and Ghost Towns of the Hope-Princeton
area,**
by N.L. Barlee (1987), Hancock House Publishers, Surrey, B.C.

**Spud's Dream - The Story of Spud Huestis and Other Risk-takers Who
Developed the Highland Valley Copper Camp,**
by Sidney K. Cole (1987), Rand & Sarah Publishing Ltd., Richmond,
B.C.

Three Dollar Dreams,
by Lynne Bowen (1987), Oolichan Books, Lantzville, B.C.
A companion to Boss Whistle.

The Town That Got Lost - A Story of Anyox, British Columbia,
by Pete Loudon, Gray's Publishing Ltd. (1973), Sidney, B.C.
The story of the now abandoned town of Anyox, onetime home of the
largest copper smelter in the British Empire.

Wet Coast Ventures - Mine Finding on Vancouver Island,
by Walter Guppy (1988), Capp's Press.

Where Terranes Collide,
by Chris Yorath (1990), Orca Book Publishers, Victoria, B.C.
A description of the complex but intriguing geological history of British
Columbia and the people engaged in deciphering that story.

Zeballos - its Gold, its People, Yesterday and Today,
by Warren Cullins and Laura Cullins (1982), Cullins and Cullins,
Sloughhouse, California.

GUIDEBOOKS

Guidebook for Geological Field Trips in Southwestern British Columbia,

Edited by J.E. Armstrong (1968), Published by the Department of Geology, The University of British Columbia, Report #6, April 1968. Includes;

- Introduction to stratigraphy of southwestern B.C. and north-western Washington, by W.R. Danner.
- Granitic rocks of southwestern B.C., by W.H. White.
- Geomorphology of southwestern B.C., by W.H. Mathews.
- Field trip to illustrate the geology of the Coast Mountains, North Vancouver, B.C., by J.E. Muller.
- Field trip, Vancouver to Kamloops and return, by K.C. McTaggart and others.

Garibaldi Geology - A popular guide to the geology of the Garibaldi Lake area, by W.H. Mathews (1975), published by the Geological Association of Canada.

Vancouver Geology - A popular guide to the geology of Vancouver, by John E. Armstrong (1990), published by the Cordilleran Section of the Geological Association of Canada.

Many other field guidebooks that deal with more technical geological topics can be obtained from:

Geological Association of Canada
Cordilleran Section
P.O. Box 308, Station A
Vancouver, B.C. V6C 2N2 Phone (604) 684-7254

Adventures in earth science series

This is a series of geological field guides to various areas in British Columbia that was designed for high school teachers and published by The University of British Columbia Department of Geology. Each of the following locations has a partial collection of the volumes listed below.

VPL - Vancouver Public Library, Central Branch, 750 Burrard Street, Vancouver, Science Division, Phone (604) 665-3585.

MEMPR - Ministry of Energy, Mines and Petroleum Resources Library, 430 - 617 Government Street, Victoria, Phone (604) 387-6407.

UBC - The University of British Columbia, Geological Sciences Reading Room, Geological Sciences Building, Phone (604) 228-3766.

VOLUME

- 3 - Historical Geology of the Lower Fraser Valley**, by R.H. Blunden (VPL, MEMPR, UBC).
- 9 - Victoria - Saanich Geology**, by Jon Rau (VPL, MEMPR, UBC).
- 10 - Kitimat-Terrace-Stewart Geology**, by Jon Rau (VPL, MEMPR, UBC).
- 11 - Geology of Kamloops - A Guide for Teachers**, by D. Rolston (VPL, MEMPR, UBC).
- 12 - Fraser Canyon Geology**, by Jon Rau (VPL, UBC).
- 15 - Urban Geology of Richmond, British Columbia. Interpreting a Delta Landscape**, by R.H. Blunden (VPL, UBC).
- 16 - The Geology of School District 43 (Coquitlam)**, by G. Steven Kellas (UBC, MEMPR).
- 17 - Guidebook for Geological Field Trips in Burnaby, Ioco, Port Moody, Pitt Meadows, Maple Ridge, Port Coquitlam and Vancouver, B.C.**, by Elmer Rorstad (UBC, MEMPR).
- 18 - The Geology of Nanaimo, B.C.**, by Bruce Gurney (VPL, UBC).
- 19 - Geology of Prince George, B.C.**, by Gary Hawkins (VPL, UBC).
- 20 - Geology of the Nicola Valley**, by R.L. Hainstock (VPL, UBC).
- 21 - Geology of the Abbotsford-Chilliwack Area, B.C.**, by R. Clarkson (VPL, UBC).
- 22 - Geology of North Vancouver**, (MEMPR, UBC)
- 23 - Geology of the Cranbrook-Kimberley Area, B.C.**, by R.W. Reid and T.W. Spilsbury (VPL, UBC).
- 25 - Guide to the Geology of the Gulf Islands**, by Jenny Stark (VPL, UBC).

MAGAZINE ARTICLES

The magazines **Geos**, **Canadian Geographic**, **Equinox** and **Wildlife Review** often feature articles of geological interest.

The Northern Miner - "Canada's Mineral Resources Newspaper", is published weekly and covers mining, exploration and investment news. **"WAT on Earth"** is published twice a year and provides interesting geoscience articles for schools. Edited by A.V. Morgan and P.I. Russell, Department of Earth Sciences, University of Waterloo, Waterloo, Ontario N2L 3G1.

Selected articles

B.C.'s Fabulous Fossils (Burgess Shale),
by Diane Swanson (1982), *Wildlife Review* (autumn '82).

Can It Happen Here?, - A major volcanic eruption could occur in the Canadian Cordillera. It might significantly affect our environment,
by Catherine Hickson, *Geos* 19, No. 1 (Winter '91)

Could a Megacrust Earthquake Strike Southwestern B.C.?,
by Herb Dragert and Garry Rogers, *Geos* 17, No. 3 (summer '88),
pages 5-8.

Earthquake! - Major quake overdue on the West Coast,
by Tom Koppel, *Canadian Geographic*, Aug./Sept. '89

Earth's Great Dyings - Scientists Seek Clues to the Mystery of Mass Extinctions,
by Paul Tisdall, *Equinox* 3: 123, Sept./Oct. '84, pages 85-100.

Fossils in Manning Park,
by Peter Thorne, *Wildlife Review* R9: (spring '78).

Gulf Islands - A Coast with Anticlines,
by Peter Thorne, *Wildlife Review* R9: (summer '81), pages 28-31.

The Holocene,
by Peter Thorne, *Wildlife Review*, Vol. 10, No. 2 (summer '82), pages 16-19.

Lithoprobe Maps Subduction Zones (Vancouver Island),
Geos 14, (summer '85), pages 12-15.

Splits and Tombolos, by Peter Thorne, *Wildlife Review*, Vol. 10, No. 2, (summer '82), pages 16-19.

Trying to Reduce Earthquake Losses in Canada,
Canadian Geographic 100: 44-9, April-May '80.

FILMS

**Films and videos are available for rent from the National Film Board.
For information contact:**

The National Film Board
1045 Howe Street
Suite 100
Vancouver, B.C. V6Z 2B1
Phone (604) 666-0716

Films of geological interest (NFB descriptions):

The Evolving Earth (1987); 74 minutes 21 seconds.
A compilation of NFB films about the earth, on video.

Volcanism; When Mount Kilauea in Hawaii shakes itself into action, the results are spectacular. The camera just steps ahead of the column of lava. (4:17).

Faces of the Earth; The forces that knead the Earth's surface; ejecting it, depressing it and shaping it, are explored. (17:02).

Moving Planets and Continents; This film uses animated maps to demonstrate the movement of the earth's surface. (2:43).

Five Billion Years; This superb animated film travels through time to record 5 billion years of evolution in North America. (7:07).

Continental Drift; An exposition of the theory that the Earth's continents are fluid, and that in a slow rolling motion, one part of the Earth can be engulfed only to rise again elsewhere.

The Rise and Fall of the Great Lakes; A canoeist tours the Great Lakes, suffering all the cataclysmic changes of lake history in an accelerated, slapstick style. (16:40).

Riches of the Earth; This film shows how Canada's underground resources took shape through geological ages, becoming the raw materials we exploit today. (16:20).

Moving Mountains (1981); A look at women working alongside men in an open-pit mine in southeastern B.C. 16 mm film, 26 minutes.

That's the Price (1970); Two points of view concerning what the infusion of industrial capital meant to revive two dying coal towns in southeastern B.C. 16 mm film.

Baby This is for You (1975); Since its heyday during the gold rush of the 1920s, the town of Stewart, near the tip of the Alaska Panhandle, has slowed down considerably, but it is the site of some of the most spectacular summer and winter scenery of the province. Here are the realities of the frontier expressed by those experiencing it. 27 minutes.

Paystreak (1980); A look at the history of gold mining in the Bridge River/Lillooet district of British Columbia, from 1858 to 1971. Old photographs, film footage and interviews with pioneer "Ma" Murray show how gold fever changed the lives of thousands of people.

Earth Science learning resources for schools can be obtained from:

Image Media Services Ltd.
Unit 150
12140 Horseshoe Way
Richmond, B.C. V7A 4V5.
Phone (604) 272-7797 FAX (604) 272-7798